## INTERNATIONAL SEARCH REPORT

ernational application No. 2

			PCT/KR2003/0	KR2003/002703	
A. CLASSIFICATION OF SUBJECT MATTER					
IPC7 C12N 1/20					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)  IPC7 C12N 1/20					
IFC/ C12N 1/20					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean patents and applications for inventions since 1975					
Electronic data base consulted during the intermational search (name of data base and, where practicable, search terms used)  CA, Delphion, PubMed, KIPASS					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.		
A	JP 12-295996 A (TAKANOYUTAKA) 24 OCTOBER 2000 See the whole documents		1-2		
A	EP 0350970 A (KYOWA HAKKO KOGYO CO., LTD.) 17 JANUARY 1990 See the abstract		1-2		
A	KR 02-57470 A (CJ CORP.) 11 JULY 2002 See the abstract		1-2		
A	KR 01-89980 A (CJ CORP.) 01 OCTOBER 2001 See the abstract		I-2		
A	JP 59-078687 A (KYOWA HAKO KOGYO Co., LTD) See the abstract		1-2		
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Further documents are listed in the continuation of Box C. X See patent family annex.					
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" later document published after the international filing date or product to be of particular relevance  "E" document published after the international filing date or product with the application but cited to under the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be produced by the principle or theory underlying the invention and filing date or product to be of particular relevance; the claimed invention cannot be principle or theory underlying the invention cannot be principle or the principle or				but cited to understand	
filing date "L" document	filing date considered novel or cannot be considered to involve an inventive				
special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  considered to involve an inventive step when the document combined with one or more other such documents, such comb being obvious to a person skilled in the art					
"P" document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed					
	ual completion of the international search		ailing of the international search report		
30 MARCH 2004 (30.03.2004)		30 MARCH 2004 (30.03.2004)			
	ling address of the ISA/KR	Authorized officer		In Instial	
9	Lorean Intellectual Property Office 20 Dunsan-dong, Seo-gu. Daejeon 302-701, Lepublic of Korea	KIM, Jae Hyun			

Telephone No. 82-42-481-5591

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